

ABSTRACT OF THE DISCLOSURE

The invention concerns a method for producing an oxygen-containing compound used as fuel additive, in particular in diesel fuels, gasoline and rapeseed methyl ester. The method consists in a) reacting a polyvalent alcohol with an aldehyde or a ketone to produce an acetal and b) etherifying the subsisting free hydroxyl groups in the acetal produced at step a) with tertiary olefins.